USCMS Engineer Status Report for December 2003

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1 Work Performed This Month

I participated at ACAT 2003 and presented two papers: one in simulating distributed systems and the second one in the development of agent based higher level services for optimization in distributed systems. MonALISA was used for demos at WSIS Geneva. We used both the farm and VRVS versions to show real-time monitoring of large complex systems.

We developed a client proxy service for MonALISA. This allows practically having an unlimited no of clients and the service does an intelligent multiplexing of the monitoring information. This is version is now used for the VRVS system and it proved to be reliable and stable. The MonALISA client for the VRVS system was improved significantly

2 Links To Supporting Documentation

- The Monarc Simulation framework

- http://monarc.cacr.caltech.edu

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- The MonaLisa web page

- http://monalisa.cacr.caltech.edu

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